

GenBank version 4.5
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OM protein - protein search, using SW model

Run on: March 21, 2002, 16:20:10, Search time 11.18 seconds
(without alignments)
877,597 Million cell updates/sec

Title: US-09-083-351-2

Perfect score: 2942

Sequence: 1 MGARTSVSPNSLGVVYLG.....PSSSLYRTSGAVYDSEK 554

Scoring table:

Gap: 10.0, Gapext 0.5

Search: 212252 steps, 22693292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0

Maximum DB seq length: 20000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database: Issued_Patents_AA*

1: 100.0 55.2 2 US-09-083-351-2
2: 2942 100.0 55.2 1 US-09-083-351-2
3: 581 19.7 106 3 US-09-083-351-5
4: 581 19.7 106 4 US-09-083-351-5
5: 570 19.4 106 3 US-09-083-351-6
6: 570 19.4 106 4 US-09-083-351-6
7: 518.5 17.6 434 4 US-08-857-076-99
8: 472.5 16.2 347 4 US-08-857-076-100
9: 442.5 15.0 106 3 US-09-083-351-8
10: 442.5 15.0 106 4 US-09-083-352-8
11: 437.5 14.9 106 4 US-09-083-352-7
12: 437.5 14.9 106 3 US-09-083-351-10
13: 408 13.9 106 4 US-09-083-351-10
14: 408 13.9 106 4 US-09-083-352-10
15: 400.5 13.6 480 1 US-07-892-292-2
16: 400.5 13.6 480 2 US-08-341-644-2
17: 400.5 13.6 480 5 US-09-083-351-2
18: 394 13.4 106 3 US-09-083-351-4
19: 394 13.4 106 3 US-09-083-351-12
20: 394 13.4 106 3 US-09-083-351-14
21: 394 13.4 106 4 US-09-083-352-4
22: 394 13.4 106 4 US-09-083-352-12
23: 394 13.4 106 4 US-09-083-352-14
24: 394 13.4 106 4 US-07-906-930E-5
25: 384 13.1 106 3 US-07-906-930E-6
26: 384 13.1 106 3 US-09-083-351-14
27: 384 13.1 106 4 US-09-083-352-14

SUMMARIES

Prod. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Result No.	Score	Query Match	Length DB	ID	Description
1	2942	100.0	55.2	2	US-09-083-351-2
2	2942	100.0	55.2	1	US-09-083-351-2
3	581	19.7	106	3	US-09-083-351-5
4	581	19.7	106	4	US-09-083-351-5
5	570	19.4	106	3	US-09-083-351-6
6	570	19.4	106	4	US-09-083-351-6
7	518.5	17.6	434	4	US-08-857-076-99
8	472.5	16.2	347	4	US-08-857-076-100
9	442.5	15.0	106	3	US-09-083-351-8
10	442.5	15.0	106	4	US-09-083-352-8
11	437.5	14.9	106	4	US-09-083-352-7
12	437.5	14.9	106	3	US-09-083-351-10
13	408	13.9	106	4	US-09-083-351-10
14	408	13.9	106	4	US-09-083-352-10
15	400.5	13.6	480	1	US-07-892-292-2
16	400.5	13.6	480	2	US-08-341-644-2
17	400.5	13.6	480	5	US-09-083-351-2
18	394	13.4	106	3	US-09-083-351-4
19	394	13.4	106	3	US-09-083-351-12
20	394	13.4	106	3	US-09-083-351-14
21	394	13.4	106	4	US-09-083-352-4
22	394	13.4	106	4	US-09-083-352-12
23	394	13.4	106	4	US-09-083-352-14
24	394	13.4	106	4	US-07-906-930E-5
25	384	13.1	106	3	US-07-906-930E-6
26	384	13.1	106	3	US-09-083-351-14
27	384	13.1	106	4	US-09-083-352-14

28	381.5	13.0	106	3	US-09-083-351-11
29	381.5	13.0	106	4	US-09-083-352-11
30	380	12.9	106	3	US-09-083-351-9
31	380	12.9	106	4	US-09-083-352-9
32	379	12.9	106	4	US-09-083-351-15
33	379	12.9	106	4	US-09-083-352-15
34	376	12.8	494	1	US-07-906-930E-4
35	374.5	12.7	740	1	US-07-906-930E-2
36	357	12.1	106	3	US-09-083-351-16
37	357	12.1	106	4	US-09-083-352-16
38	349	11.9	106	3	US-09-083-351-17
39	349	11.9	106	4	US-09-083-352-17
40	348	11.5	106	3	US-09-083-351-18
41	348	11.5	106	4	US-09-083-352-18
42	309	10.5	365	3	US-09-113-309-2
43	309	10.5	365	4	US-09-113-309-2
44	301	10.2	98	1	US-07-906-930E-4
45	287	9.8	76	3	US-09-083-351-19

ALIGNMENTS

RESULT 1	US-09-083-351-2
Sequence 2, Application US/09083351	
Patent No. 6087107	
GENERAL INFORMATION:	
APPLICANT: Shefield, Val C.	
APPLICANT: Alward, Wallace L.M.	
ATTORNEY: Stone, Edwin M.	
ATTORNEY: Courtney, Gary L.	
ATTORNEY: Smith, Shira	
TITLE OF INVENTION: IMMUNOLOGICAL AND DIAGNOSTICS FOR	
TITLE OF INVENTION: IMMUNOLOGICAL AND DIAGNOSTICS FOR	
NUMBER OF SEQUENCES: 22	
CORRESPONDENCE ADDRESS:	
ADDRESSER: Foley, Hoag & Elliot LLP	
STREET: One Post Office Square	
CITY: Boston	
STATE: MA	
COUNTRY: USA	
ZIP: 02109-2170	
COMPUTER READABLE FORM:	
MEDIUM TYPE: floppy disk	
COMPUTER: IBM PC compatible	
OPERATING SYSTEM: PC-DOS/MS-DOS	
SOFTWARE: Patent Release #1.0, Version #1.30	
CURRENT APPLICATION DATA:	
APPLICATION NUMBER: US/09/083, 351	
FILING DATE: 22-MAY-1998	
CLASSIFICATION: 514	
ACTOR/AGENT INFORMATION:	
NAME: Arnold, Beth E.	
REGISTRATION NUMBER: 35,430	
REFERENCE/CREAT NUMBER: 01A-029,022	
TELECOMMUNICATION INFORMATION:	
TELEPHONE: 617-832-1000	
TELEFAX: 617-832-7000	
INVENTOR: 11-30-98 11-30-98	
SEQUENCE CHARACTERISTICS:	
LENGTH: 553 amino acids	
TYPE: amino acid	
Topology: linear	
MOLECULE TYPE: protein	
US-09-083-351-2	
Query Match	100.0%
Score 2942	DB 55
Length 554	
Best local similarity	100.0%
Prod. No. 1-90-1000	
Matches 554	Conservative 0%
Mismatches 0	Indels 0%
Gaps 0	

ADDRESS: POLY, HOW & ELIOT LLP
 STREET: One Post Office Square
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02109-2170
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-PWS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: 05/09-083-351
 FILING DATE: 22-MAY-1998
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Arnold, both E.
 REGISTRATION NUMBER: 35,440
 REFERENCE/CHECK NUMBER: 01A 029,02
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-832-1000
 TELEFAX: 617-832-7000
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 106 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-083-351 5

Query Match 19.7% Score 581; DB 4; Length 106;

Best Local Similarity 100.0% Prod. No. 1.1e-49; Mismatches 106; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

01 73 PFWKVTYVATLMAIAIAKPKTITNLYEIMHLEKEDKQWREKRENS 132
 100 1 PFWKVTYVATLMAIAIAKPKTITNLYEIMHLEKEDKQWREKRENS 132
 02 133 NPEVYVETLLEKWTLLQVYKQVHNSKPKPKPKPKPK 178
 100 61 NPEVYVETLLEKWTLLQVYKQVHNSKPKPKPKPKPK 178

RESULT 4

US-09-083-352-5

Sequence 5, Application US/09083352

Patent No. 6207450

GENERAL INFORMATION:

APPLICANT: Shettield, Val C.

APPLICANT: Alward, Wallace L.M.

APPLICANT: Stone, Edwin M.

APPLICANT: Nishimura, Barry I.

TITLE OF INVENTION: CHROMA TRANSCRIPTION AND DIAGNOSTICS

TITLE OF INVENTION: PATENT OR A REVEL HUMAN TRANSCRIPTION FACTOR

NUMBER OF SEQUENCES: 22

CORRESPONDENT ADDRESS:

ADDRESS: POLY, HOW & ELIOT LLP

STREET: One Post Office Square

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02109-2170

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-PWS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: 05/09-083-352

FILING DATE: 22-MAY-1998

CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Arnold, both E.
 REGISTRATION NUMBER: 35,440
 REFERENCE/CHECK NUMBER: 01A 029,01
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-832-1000
 TELEFAX: 617-832-7000
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 106 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-083-352-5

Query Match 19.7% Score 581; DB 4; Length 106;

Best Local Similarity 100.0% Prod. No. 1.1e-49; Mismatches 106; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

01 73 PFWKVTYVATLMAIAIAKPKTITNLYEIMHLEKEDKQWREKRENS 132
 100 1 PFWKVTYVATLMAIAIAKPKTITNLYEIMHLEKEDKQWREKRENS 132
 02 133 NPEVYVETLLEKWTLLQVYKQVHNSKPKPKPKPKPK 178
 100 61 NPEVYVETLLEKWTLLQVYKQVHNSKPKPKPKPKPK 178

RESULT 5

US-09-083-351-6

Sequence 6, Application US/09083351

Patent No. 6087107

GENERAL INFORMATION:

APPLICANT: Shettield, Val C.

APPLICANT: Alward, Wallace L.M.

APPLICANT: Stone, Edwin M.

APPLICANT: Nishimura, Barry I.

TITLE OF INVENTION: TRANSCRIPTION AND DIAGNOSTICS FOR

TITLE OF INVENTION: CHROMATIN BEAT CATALYTIC N A REVEL HUMAN

TITLE OF INVENTION: TRANSCRIPTION FACTOR

NUMBER OF SEQUENCES: 22

CORRESPONDENT ADDRESS:

ADDRESS: POLY, HOW & ELIOT LLP

STREET: One Post Office Square

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02109-2170

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-PWS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: 05/09-083-351

FILING DATE: 22-MAY-1998

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Arnold, both E.

REGISTRATION NUMBER: 35,440

REFERENCE/CHECK NUMBER: 01A 029,02

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-832-1000

TELEFAX: 617-832-7000

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 106 amino acids

TYPE: amino acid

STRANDEDNESS:

TYH: amino acid

